

 <p style="text-align: center;">FORM HDP-1449 (Based on Form PTO-1449)</p> <p style="text-align: center;"><b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE CITATION</b>          (Use several sheets if necessary)</p> <p style="text-align: center;">Sheet 1 of 10</p>	ATTORNEY DOCKET NO.	SERIAL No.
	46500-000582/US	10/766,238
	APPLICANT	
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	FILING DATE	GROUP
January 29, 2004	2621	

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	/M.D./	US 2001/0014070	08/16/2001	ANDO et al.		
2.		US 2001/0026679	10/04/2001	KOSHINO et al.		
3.		US 2001/0030710	10/18/2001	WERNER		
4.		US 2001/031127 = CN1220458	10/18/2001	HONJO		
5.		US 2001/0036358	11/01/2001	KIM et al.		
6.		US 2001/0043790	11/22/2001	SAEKI et al.		
7.		US 2001/0053280	12/20/2001	YAMAUCHI et al.		
8.		US 2002/0018416	02/14/2002	HEO		
9.		US 2002/0041557	04/11/2002	HEO		
10.		US 2002/0046328	04/18/2002	OKADA		
11.		US 2002/0093556	07/18/2002	ISHIZAWA et al.		
12.		US 2002/0093886	07/18/2002	IJICHI et al.		
13.		US 2002/0106196	08/08/2002	YAMAUCHI et al.		
14.		US 2002/0126994	09/12/2002	GUNJI et al.		
15.		US 2002/0129036	09/12/2002	HO YUEN LOK et al.		
16.		US 2002/0135608	09/26/2002	HAMADA et al.		
17.		US 2002/0145702	10/10/2002	KATO et al.		
18.		US 2002/0159368	10/31/2002	NODA et al.		
19.		US 2002/0177914	11/28/2002	CHASE		
20.		US 2002/0180803	12/05/2002	KAPLAN et al.		
21.		US 2003/0035681	02/20/2003	HO		
22.		US 2003/0058948	03/27/2003	KELLY et al.		
23.		US 2003/0103604	06/05/2003	KATO et al.		
23.		US 2003/0118327	06/05/2003	UM et al.		
25.		US 2003/0123346	07/03/2003	ISHII et al.		
26.		US 2003/0123845	07/03/2003	KODA et al.		

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## FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE**  
**INFORMATION DISCLOSURE CITATION**  
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27.	/M.D./	US 2003/0147322	08/07/2003	ONO		
28.		US 2003/0161615	08/28/2003	TSUMAGARI et al.		
29.		US 2003/0235404	12/25/2003	SEO et al.		
30.		US 2004/0047591	03/11/2004	SEO et al.		
31.		US 2004/0076402	04/22/2004	JUNG et al.		
32.		US 2004/0114908	06/17/2004	ITO		
33.		US 2004/0156621	08/12/2004	SEO et al.		
34.		US 2004/0208135	10/21/2004	NAKAMURA et al.		
35.		US 2004/0213105	10/28/2004	SEO et al.		
36.		US 2004/0220791	11/04/2004	LAMKIN et al.		
37.		US 2005/0025459	02/03/2005	KATO et al.		
38.		US 2005/0036763	02/17/2005	KATO et al.		
39.		US 2006/0013564	01/19/2006	HAMADA et al.		
40.		US 2006/0110132	05/25/2006	TAKAKUWA et al.		
41.		US 2006/0222340	10/05/2006	YAMAUCHI et al.		
42.		US 5521898	05/28/1996	OGASAWARA		
43.		US 5583652	12/10/1996	WARE		
44.		US 5602956	02/11/1997	SUZUKI et al.		
45.		US 5630006	05/13/1997	HIRAYAMA et al.		
46.		US 5691972	11/25/1997	TSUGA et al.		
47.		US 5734788	03/31/1998	NONOMURA et al.		
48.		US 5742569	04/21/1998	YAMAMOTO et al.		
49.		US 5784528	07/21/1998	YAMANE et al.		
50.		US 5884004	03/16/1999	SATO et al.		
51.		US 5917781	06/29/1999	KIM		

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52.	/M.D./	US 5923869	07/13/1999	KASHIWAGI et al.		
53.		US 5953290	09/14/1999	FUKUDA et al.		
54.		US 5999694	12/07/1999	YASUDA et al.		
55.		US 5999698	12/07/1999	NAKAI et al.		
56.		US 6014495	01/11/2000	MORIYAMA et al.		
57.		US 6064385	05/16/2000	STURGEON et al.		
58.		US 6064796	05/16/2000	NAKAMURA et al.		
59.		US 6067400	05/23/2000	SAEKI et al.		
60.		US 6084581	07/04/2000	HUNT		
61.		US 6097676	08/01/2000	FUJINAMI		
62.		US 6118927	03/12/2002	KIKUCHI et al.		
63.		US 6167189	12/26/2000	TAIRA et al.		
64.		US 6215746	04/10/2001	ANDO et al.		
65.		US 6219488	04/17/2001	MORI et al.		
66.		US 6247022	06/12/2001	YANKOWSKI		
67.		US 6285825	09/04/2001	MIWA et al.		
68.		US 6292226	09/18/2001	YAMANAKA et al.		
69.		US 6308005	10/23/2001	ANDO et al.		
70.		US 6321027	11/20/2001	HONJO		
71.		US 6336002	01/01/2002	YAMAUCHI et al.		
72.		US 6356971	03/12/2002	KATZ et al.		
73.		US 6360055	03/19/2002	KANESHIGE et al.		
74.		US 6373803	04/16/2002	ANDO et al.		
75.		US 6377474	04/23/2002	ARCHAMBEAULT et al.		
76.		US 6377518	04/23/2002	AUWENS et al.		

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**INFORMATION DISCLOSURE CITATION**  
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77.	/M.D./	US 6377747	04/23/2002	MURASE et al.		
78.		US 6385388	05/07/2002	LEWIS et al.		
79.		US 6392969	05/21/2002	HEO		
80.		US 6415101	07/02/2002	DECARMO et al.		
81.		US 6424797	07/23/2002	MURASE et al.		
82.		US 6532334	03/11/2003	KIKUCHI et al.		
83.		US 6570837	05/27/2003	KIKUCHI et al.		
84.		US 6584277	06/24/2003	TSUMAGARI et al.		
85.		US 6615192	09/02/2003	TAGAWA et al.		
86.		US 6647496	11/11/2003	TAGAWA et al.		
88.		US 6700839	03/02/2004	AUFLICK et al.		
88.		US 6727421	04/27/2004	IZAWA et al.		
89.		US 6763345	07/13/2004	HEMPLEMAN et al.		
90.		US 6766103	07/20/2004	KIM et al.		
91.		US 6782192 = JP 3199243	08/24/2004	TANAKA et al.		
92.		US 6798981	09/28/2004	YAMAUCHI et al.		
93.		US 6832293	12/14/2004	TAGAWA et al.		
94.		US 6859421	02/22/2005	SAWABE et al.		
95.		US 6904227	07/07/2005	YAMAMOTO et al.		
96.		US 6912218	06/28/2005	JEON		
97.		US 6914863	07/05/2005	ONO		
98.		US 6965727	11/15/2005	SAWABE et al.		
99.		US 6999674	02/14/2006	HAMADA et al.		
100.		US 7006758	02/28/2006	YAMAMOTO et al.		
101.		US 7050384	05/23/2006	SASAKI et al.		

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## FORM HDP-1449 (Based on Form PTO-1449)

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102.	/M.D./	US 7113694	09/26/2006	KIM et al.		
103.		US 5703997	12/30/1997	KITAMURA et al.		
104.		US 6009234	12/28/1999	TAIRA et al.		
105.		US 6,130,869	10/10/2000	TOKORO et al.		
106.		US 6,795,499	09/21/2004	KATO et al.		
107.		US 6,393,430	05/21/2002	VAN RYZIN		

## FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
108.	/M.D./	CN1163673	06/23/2004	CHINA		ABST.	
109.		CN1205793	11/05/2003	CHINA		ABST.	
110.		CN1212427	03/31/1999	CHINA		ABST.	
111.		CN1220458 = US 2001031127	06/23/1999	CHINA		ENGL. EQUIV.	
112.		CN1251680	08/06/2003	CHINA		ABST.	
113.		CN1263345	09/08/2004	CHINA		ABST.	
114.		CN 1317200	10/10/2001	CHINA		ABST.	
115.		CN1272209	11/01/2000	CHINA		ABST.	
116.		CN1310445	08/29/2001	CHINA		ABST.	
117.		CN1320926	11/07/2001	CHINA		ABST.	
118.		CN1346491	04/24/2002	CHINA		ABST.	
119.		CN1364387	11/16/2005	CHINA		ABST.	
120.		CN1383679	01/25/2006	CHINA		ABST.	
121.		CN1393872	01/29/2003	CHINA		ABST.	
122.		CN1509572	06/30/2004	CHINA		ABST.	
123.		CN1555058	12/15/2004	CHINA		ABST.	

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## FORM HDP-1449 (Based on Form PTO-1449)

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124.	/M.D./	CN1571055	01/26/2005	CHINA		ABST.	
125.		CN1606355	04/13/2005	CHINA		ABST.	
126.		CN1606356	04/13/2005	CHINA		ABST.	
127.		CN1606357	04/13/2005	CHINA		ABST.	
128.		CN1611071	04/27/2005	CHINA		ABST.	
129.		CN1239574	12/22/1999	CHINA		ABST.	
130.		EP0723216	07/24/1996	EUROPE		YES	
131.		EP0724264	07/31/1996	EUROPE		YES	
132.		EP 0737009	10/09/1996	EUROPE		YES	
133.		EP 0831647	03/25/1998	EUROPE		YES	
134.		EP0836183	04/15/1998	EUROPE		YES	
135.		EP0836189	04/15/1998	EUROPE		YES	
136.		EP0858073	08/12/1998	EUROPE		YES	
137.		EP 0872839	10/21/1998	EUROPE		YES	
138.		EP0949622	10/13/1999	EUROPE		YES	
139.		EP 1469677	10/20/2002	EUROPE		YES	
140.		EP1024494	08/02/2000	EUROPE		YES	
141.		EP1041565	09/12/2001	EUROPE		YES	
142.		EP1041569	01/02/2002	EUROPE		YES	
143.		EP 1050880	11/08/2000	EUROPE		YES	
144.		EP1103974	05/30/2001	EUROPE		YES	
145.		EP 1126454	07/06/2000	EUROPE		YES	
146.		EP1148503	10/24/2001	EUROPE		YES	
147.		EP1198132	04/17/2002	EUROPE		YES	
148.		EP1198133	04/17/2002	EUROPE		YES	

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## FORM HDP-1449 (Based on Form PTO-1449)

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149.	/M.D./	EP1391119	06/14/2006	EUROPE		YES	
150.		EP1398965	03/17/2004	EUROPE		YES	
151.		JP 09-135421	05/20/1997	JAPAN		ABST.	
152.		JP 10-032780	06/18/1999	JAPAN		ABST.	
153.		JP 10-040667	02/13/1998	JAPAN		ABST.	
154.		JP 11-161663	06/18/1999	JAPAN		ABST.	
155.		JP 11-213522	08/06/1999	JAPAN		ABST.	
156.		JP 11-259985	09/24/1999	JAPAN		ABST.	
157.		JP 11-69308	03/09/1999	JAPAN		ABST.	
158.		JP 11-69309	03/09/1999	JAPAN		ABST.	
159.		JP 11-96653	04/09/1999	JAPAN		ABST.	
160.		JP12-331466	11/30/2000	JAPAN		ABST.	
161.		JP1999-296997	10/29/1999	JAPAN		ABST.	
162.		JP2000-222822	08/11/2000	JAPAN		ABST.	
163.		JP 2002-112201	12/04/2002	JAPAN		ABST.	
164.		JP2000-235779	08/29/2000	JAPAN		ABST.	
165.		JP2000-322827	11/24/2000	JAPAN		ABST.	
166.		JP2000-348442	12/15/2000	JAPAN		ABST.	
167.		JP2001-157145	06/08/2001	JAPAN		ABST.	
159.		JP2001-157208	06/08/2001	JAPAN		ABST.	
160.		JP2001-169246	06/22/2001	JAPAN		ABST.	
170.		JP2002-150685	09/24/1999	JAPAN		ABST.	
170.		JP2002-158972	05/31/2002	JAPAN		ABST.	
172.		JP 2002-222581	08/09/2002	JAPAN		ABST.	
173.		JP2003-199047	07/11/2003	JAPAN		ABST.	

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## FORM HDP-1449 (Based on Form PTO-1449)

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174.	/M.D./	JP2003-520514 = WO 01/52554	07/02/2003	JAPAN		ENGL. EQUIV.	
175.		JP 2004-127397	04/22/04	JAPAN		ABST.	
176.		JP2005-513936 = WO 03/047261	05/12/2005	JAPAN		ENGL. EQUIV.	
177.		JP 3199243 = US 6782192	06/15/2001	JAPAN		ENGL. EQUIV.	
178.		JP 3199711 = US 6377747	06/15/2001	JAPAN		ENGL. EQUIV.	
179.		JP 3379961	2/24/2003	JAPAN		Machine Translation	
180.		JP 3392838	05/17/2002	JAPAN		Machine Translation	
181.		JP 3392849	02/07/2003	JAPAN		Machine Translation	
182.		JP 2002-158974	05/31/2002	JAPAN		ABST.	
183.		JP 2002-083486	03/22/2002	JAPAN		ABST.	
184.		JP 2002-082838	03/22/2002	JAPAN		ABST.	
185.		JP 2001-024985	01/26/2001	JAPAN		ABST.	
186.		JP 2000-195235	07/14/2000	JAPAN		ABST.	
187.		JP 2000-149405	05/30/2000	JAPAN		ABST.	
188.		JP 2000-067522	03/03/2000	JAPAN		ABST.	
189.		JP 2000-021130	01/21/2000	JAPAN		ABST.	
190.		JP 11-213627	08/06/1999	JAPAN		ABST.	
191.		JP 08-273304	10/18/1996	JAPAN		ABST.	
192.		KR1996-38743 = US 5,703,997	11/21/1996	KOREA			NO
193.		KR1996-38744 = US 5,703,997	11/21/1996	KOREA			NO
194.		KR1996-38901 = US 5,703,997	11/21/1996	KOREA			NO
195.		KR1996-38905 = US 5,703,997	11/21/1996	KOREA			NO
196.		KR 1999-0022858 = WO 97/39451	03/25/1999	KOREA		ENGL. EQUIV.	
197.		KR1999-0079482	11/05/1999	KOREA		ABST.	
198.		KR2000-0053633	08/25/2000	KOREA		ABST.	

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## FORM HDP-1449 (Based on Form PTO-1449)

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199.	/M.D./	KR2001-0022702	03/26/2001	KOREA		ABST.	
200.		KR2001-0028735	04/06/2001	KOREA		ABST.	
201.		KR2001-0051898	06/25/2001	KOREA		ABST.	
202.		KR2001-0098007	11/08/2001	KOREA		ABST.	
203.		KR2001-0107578	12/07/2001	KOREA		ABST.	
204.		KR2002-0006273	01/19/2002	KOREA		ABST.	
205.		KR2002-0020919	03/16/2002	KOREA		ABST.	
206.		KR2002-0097454	12/31/2002	KOREA		ABST.	
207.		KR2002-0097455	12/31/2002	KOREA		ABST.	
208.		WO00/60597	10/12/2000	WIPO		YES	
209.		WO01/52554 = JP2003-520514	07/19/2001	WIPO		YES	
210.		WO01/82604	11/01/2001	WIPO		ABST.	
211.		WO01/82606	11/01/2001	WIPO		ABST.	
212.		WO01/82610	11/01/2001	WIPO		ABST.	
213.		WO02/080541	10/10/2002	WIPO		ABST.	
214.		WO03/047261 = JP2005-513936	06/05/2003	WIPO		YES	
215.		WO03/058957	07/17/2003	WIPO		ABST.	
216.		WO04/001728	12/31/2003	WIPO		YES	
217.		WO 04/001750	12/31/2003	WIPO		YES	
218.		WO 04/001752	12/31/2003	WIPO		YES	
219.		WO04/001753	12/31/2003	WIPO		YES	
220.		WO04/001754	12/31/2003	WIPO		YES	
221.		WO 04/32142	04/15/2004	WIPO		ABST.	
222.		WO 97/15924	05/01/1997	WIPO		ABST.	
223.		WO 97/38527	10/16/1997	WIPO		ABST.	

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	Kang Soo SEO et al.	
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224.	/M.D./	WO99/08281	02/18/1999	WIPO		YES	
225.	/M.D./	WO99/38169	07/29/1999	WIPO		ABST.	
226.	/M.D./	WO 97/39451 = KR 1999-022858	10/23/1997	WIPO		ABST.	
227.	/M.D./	WO 2005/067399	07/28/2005	WIPO		YES	
228.	/M.D./	WO 97/39451	10/23/1997	WIPO		ABST.	
229.	/M.D./	WO 97/14151	04/17/1997	WIPO		ABST.	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATA, PERTINENT PAGES, ETC.)		
Ref. Desig.	Examiner's Initials	
230.	/M.D./	Japanese Office Action dated May 7, 2008.
231.	/M.D./	Japanese Office Action dated May 7, 2008.
232.	/M.D./	Japanese Office Action dated May 7, 2008.
233.	/M.D./	United States Office Action dated May 15, 2008.
234.	/M.D./	United States Office Action dated May 21, 2008.
235.	/M.D./	United States Office Action dated April 4, 2008.

GDY/NKP:aem

Examiner: /Mishawn Dunn/	Date Considered: 07/09/2008
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.